

File
12/31/90

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
60 WESTVIEW STREET, LEXINGTON, MASSACHUSETTS 02173

MEMORANDUM

PN: 910019

DATE: November 29, 1990

SUBJ: TRW DOT

FROM: Michael E. Dowling
Chemist *MED*

TO: Mary Ellen Stanton
Enforcement and Prevention Section

THRU: Dr. William J. Andrade
Chief, Chemistry Section *WJA 12/28/90*

Analytical Procedure:

Samples 54156 and 80978 were submitted for determination of arsenic, cadmium and lead. Methods 206.2 (As), 213.2 (Cd) and 239.2 (Pb) as stated in "The US EPA Contract Laboratory Program, SOW Document No. 1LM01.0" were followed for the analysis.

Date Samples Received by Laboratory: 11/2/90

Date Samples Analyzed by Laboratory: 11/7 - 12/7/90

Reference Book: Metals 79

File name: 910019WA.AA



Results (ug/L)

	<u>Arsenic</u>	<u>Cadmium</u>	<u>Lead</u>
80978	K10	K2	K3

Matrix Spike/Matrix Spike Duplicate Results

<u>Sample</u>	<u>Parameter</u>	<u>Accuracy</u> <u>Ave % Recovery</u>	<u>Precision</u> <u>RPD</u>
80978	As	97	4
80978	Cd	119	5
80978	Pb	84	3

*Survey results delayed due to instrument problems.

**Sample 54156 is a trip blank which is not applicable to metal analysis (see attach ment).



Executive Place II, 44 Mall Road
Suite G04, Burlington, MA 01803 1-617-229-6430

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-WO-0036

01-G-01657 (1058)

December 3, 1990

Mr. John Carlson
Deputy Project Officer
U.S. Environmental Protection Agency
60 Westview Street
Lexington, MA 02173

Dear Mr. Carlson:

This letter is submitted regarding the trip blanks obtained for the drinking water samples collected on October 31, 1990, under TDD #01-9010-56, PCS #1058 for the TRW DOT Site.

Two 2-liter amber glass jars were filled from the 2-liter amber jars marked VOA water in the Finnigan OWA GC/MS instrument room. These were to be used as trip blanks for the BNA analysis. A 1-liter plastic jar was filled with Lexington tap water from the sink in the corner of that room. This 1-liter jar was to be used as a trip blank for metals analysis. Trip blanks for BNA and metals analysis are not required as part of the standard sampling protocol and should not have been submitted to NERL.

If there are any questions, please contact us at (617) 229-6430.

Sincerely,

ROY F. WESTON, INC.

Michael Lombardi
Technical Assistant Team
Member

Joseph D. Mastone
Technical Assistant Team
Manager

Roy F. Weston, Inc.
MAJOR PROGRAMS DIVISION

In Association with Foster Wheeler Enviroresponse, Inc., Resource Applications, Inc., C.C. Johnson Malhotra, P.C.,
and R.E. Sarriera Associates